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Special Diseases Eradication  
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August 15, 1961 CURRENT SERIAL RECORDS

ANNUAL REPORT OF COOPERATIVE STATE-FEDERAL SHEEP AND CATTLE  
SCABIES ERADICATION -- FISCAL YEAR 1961

PSOROPTIC SHEEP SCABIES

Psoroptic scabies was reported in 872 flocks of 70,018 sheep in 296 counties in 24 States compared to 886 flocks in 280 counties in 25 States in 1960. 187 infected lots were found at public stockyards during fiscal year 1961 and 214 during the previous year. 12,031,249 sheep were inspected during 1961 and 506,745 dipped--a substantial increase over 1960 when 10,836,576 were inspected and 390,958 dipped.

Outbreaks in the Sheep Scabies Free Area

There were outbreaks in two Western States believed to have been free of sheep scabies. The California outbreak involved one flock in San Benito County and was apparently introduced by sheep from New Mexico. The sheep had been dipped prior to shipment to California.

New Mexico officials unearthed interesting information that associated the California outbreak with several of those in New Mexico. It appeared that at least the majority of the outbreaks were traceable back to a Lea County flock found previously, in June 1959, to be infected. In both California and New Mexico intensive efforts were made to locate and eradicate the disease.

Sheep scabies was found in western South Dakota in Butte (one flock), Fall River (three flocks), and Gregory (one flock) Counties where active eradication measures were also taken.

Amendments to 9CFR, Part 74 - Scabies in Sheep

These regulations were amended effective August 1, 1960, designating all or parts of 27 States as free areas and the remaining as infected areas. The amendment also provided for dipping of sheep moving interstate from infected into free and eradication areas except those destined for immediate slaughter, and designated Eastern South Dakota as a Sheep Scabies Eradication Area.

More recent amendments to the regulations designated the following as Sheep Scabies Eradication Areas: New York State in February 1961; Arkansas, Nebraska, North Dakota, and Tennessee in June, and Illinois in July 1961.

An amendment effective in July 1961 added 11 counties in Western Nebraska to the free area. This was the first area, considered infected in August 1960, to be freed of the disease. In South Dakota, a Federal quarantine placed on Butte County in November 1960 was removed the following month after the disease had been eradicated from the county. Fall River County, placed in the infected and eradication areas in March 1961, was returned to free area status in August 1961.

New Mexico was declared an infected area in September 1960 following scabies outbreaks. Counties were returned to the free area following inspection of all sheep; however, additional outbreaks caused San Miguel (December 1960), Chaves and Eddy (February 1961), and Lea (April 1961) Counties to again be placed in the infected and eradication areas. These counties were returned to the free area following re-inspection of all sheep in each county and in August 1961 New Mexico once again became a sheep-scabies-free area.



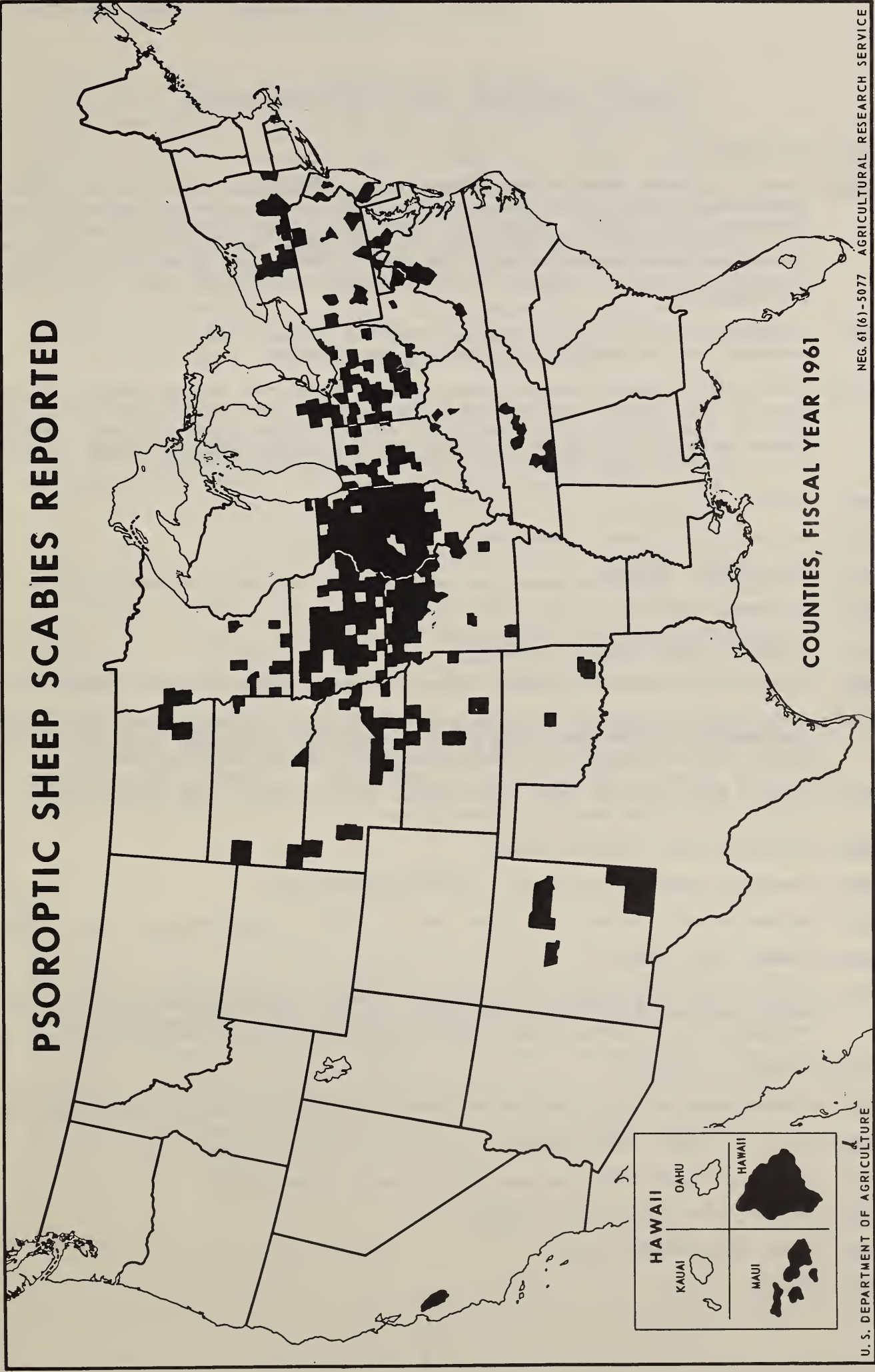
PSOROPTIC SHEEP SCABIES

As Reported From Respective States	Number of Infected Counties	Number of Infected Flocks	Number of Infected Sheep	Total Inspections		Total Dippings	
Alabama	0	0	0		5,474	0	
Alaska	0	0	0	0		0	
Arizona	0	0	0	2,566*	488,323	9*	53,877
Arkansas	0	0	0	3,743*	61,332	3,175*	5,729
California	1	1	3,492	753*	2,085,459		7,777
Colorado	0	0	0		185,881		38,186
Connecticut	0	0	0		797	0	
Delaware	0	0	0		1,623	0	
Florida	0	0	0		1,765	0	
Georgia	0	0	0	0	34*	0	
Hawaii	2	2	4,510		4,773		9,000
Idaho	0	0	0		290,730	0	
Illinois	67	451	23,174		150,472		43,101
Indiana	17	24	857		1,465		2,028
Iowa	51	101	8,636		66,418		14,623
Kansas	7	7	877		59,974		3,268
Kentucky	3	5	348		492		1,048
Louisiana	0	0	0		200,646		33,396
Maine	0	0	0	0		0	
Maryland	2	3	51		3,567		196
Massachusetts	0	0	0		5,571		6
Michigan	4	12	1,716		145,180		13,065
Minnesota	10	19	3,175		3,613		1,263
Mississippi	0	0	0		11,111	0	
Missouri	31	75	4,078		12,944		5,451
Montana	0	0	0		11,742	0	
Nebraska	17	34	4,117		516,461		19,357
Nevada	0	0	0		50,744	0	
New Hampshire	0	0	0	0		0	
New Jersey	4	6	204		14,212		34
New Mexico	4	7	1,995		1,692,791		97,630
New York	10	23	1,869		172,063		849
North Carolina	0	0	0		5,806	0	
North Dakota	3	3	1,563		461,088		1,563
Ohio	32	44	4,300		8,493		4,814
Oklahoma	2	2	5	127*	5,418	133*	131
Oregon	0	0	0	282*	19,130	100*	221
Pennsylvania	8	10	811		6,522		1,124
Rhode Island	0	0	0		1,663	0	
South Carolina	0	0	0		5,010	0	
South Dakota	4	7	2,041	12*	1,484,592		16,423
Tennessee	8	17	963		55,837		2,835
Texas	0	0	0	96,564*	3,339,571	2,736*	127,796
Utah	0	0	0	278*	107,921	0	
Vermont	0	0	0		6,014	0	
Virginia	4	14	811		5,338		963
Washington	0	0	0	3*	51,254	0	3*
West Virginia	4	4	418		14,165		751
Wisconsin	1	1	7		1,157		240
Wyoming	0	0	0		206,087	0	
Puerto Rico	0	0	0		560	0	
Virgin Islands	0	0	0	0		0	
TOTALS:	296	872	70,018		12,031,249		506,745
				104,362*		6,156*	

\* Goats

# PSOROPTIC SHEEP SCABIES REPORTED

COUNTIES, FISCAL YEAR 1961





PSOROPTIC SHEEP SCABIES - States and Counties Involved

- California - San Benito
- Illinois - Adams, Bond, Boone, Brown, Bureau, Calhoun, Carroll, Champaign, Christian, Clark, Coles, Cumberland, De Kalb, De Witt, Douglas, Du Page, Edgar, Fayette, Ford, Fulton, Greene, Hancock, Henderson, Henry, Iroquois, Jasper, Jo Daviess, Kane, Kankakee, Kendall, Knox, Lake, La Salle, Lee, Livingston, Logan, McDonough, McHenry, McLean, Macon, Macoupin, Marshall, Menard, Mercer, Monroe, Montgomery, Morgan, Moultrie, Ogle, Peoria, Piatt, Pike, Putnam, Rock Island, St. Clair, Sangamon, Schuyler, Scott, Shelby, Stark, Stephenson, Tazewell, Vermilion, Warren, Whiteside, Will, Woodford
- Indiana - Allen, Benton, Boone, Carroll, Hamilton, Hendricks, Kosciusko, Lake, La Porte, Marion, Montgomery, Morgan, Owen, Pulaski, Randolph, Warren, White
- Iowa - Adair, Adams, Appanoose, Audubon, Boone, Buchanan, Buena Vista, Butler, Carroll, Cass, Cedar, Clay, Clinton, Dallas, Franklin, Fremont, Greene, Grundy, Guthrie, Hamilton, Hardin, Henry, Humboldt, Iowa, Jasper, Jefferson, Johnson, Lee, Linn, Lucas, Mahaska, Marion, Marshall, Monroe, Muscatine, O'Brien, Palo Alto, Plymouth, Pocahontas, Poweshiek, Ringgold, Scott, Shelby, Story, Van Buren, Wapello, Warren, Washington, Webster, Woodbury, Wright
- Hawaii - Hawaii, Maui
- Kansas - Butler, Cloud, Ellsworth, Jewell, Miami, Rice, Washington
- Kentucky - Owen, Trimble, Woodford
- Maryland - Frederick, Montgomery
- Michigan - Jackson, Lenawee, Livingston, Washtenaw
- Minnesota - Anoka, Clay, Cottonwood, Faribault, Jackson, Kandiyohi, Norman, Pipestone, Steele, Yellow Medicine
- Missouri - Adair, Andrew, Audrain, Barry, Boone, Buchanan, Caldwell, Chariton, Daviess, Gentry, Grundy, Harrison, Hickory, Jefferson, Knox, Lewis, Lincoln, Linn, Livingston, Macon, Madison, Marion, Mercer, Monroe, Nodaway, Pike, Randolph, Schuyler, Scotland, Shelby, Sullivan
- Nebraska - Buffalo, Butler, Cuming, Dawes, Dawson, Dodge, Fillmore, Garden, Hall, Hamilton, Otoe, Phelps, Polk, Thayer, Washington, Webster, York
- New Jersey - Cumberland, Salem, Somerset, Warren
- New Mexico - Bernalillo, Eddy, Lea, San Miguel
- New York - Broome, Columbia, Delaware, Livingston, Monroe, Ontario, Oswego, Schuyler, Steuben, Tioga
- North Dakota - Barnes, Steele, Traill
- Ohio - Ashland, Champaign, Clark, Clinton, Crawford, Cuyahoga, Darke, Fairfield, Fayette, Fulton, Hardin, Harrison, Highland, Hocking, Huron, Knox, Lake, Logan, Marion, Meigs, Mercer, Paulding, Perry, Pickaway, Putnam, Ross, Seneca, Shelby, Union, Wayne, Williams, Wood
- Oklahoma - Oklahoma, Pushmataha
- Pennsylvania - Bradford, Clarion, Franklin, Lancaster, Mercer, Northumberland, Philadelphia, Westmoreland
- South Dakota - Butte, Fall River, Grant, Gregory
- Tennessee - De Kalb, Fentress, Giles, Lawrence, Lincoln, Maury, Putnam, Wilson
- Virginia - Augusta, Giles, Rockingham, Shenandoah
- West Virginia - Grant, Hardy, Morgan, Tyler
- Wisconsin - Racine

## PSOROPTIC CATTLE SCABIES

Psoroptic scabies was diagnosed in 10 herds--one each in Iowa and Texas, two each in Oklahoma and Illinois, and four in Colorado. All outbreaks were in feedlots except the two in Oklahoma which were in adjacent ranch herds. Two of the four outbreaks in Colorado were found when inspectors at the Denver Union Stockyards diagnosed the disease in cattle trucked to the stockyards and the other two were reported by veterinary practitioners. One of the infected Illinois herds was found during the International Livestock Exposition by regulatory inspectors at the Chicago Union Stockyards and the second by an alert inspector who followed up a rumor heard at a cattle sale.

The Iowa outbreak was disclosed by inspectors stationed at the Sioux City Stockyards. The outbreak in Oklahoma was found by back-tracing movements of cattle into the infected Iowa herd. In Texas the disease was found by a regulatory employee making ranch-to-ranch inspections.

Infected and exposed cattle were treated under supervision and considerable efforts were made to trace possibly infected or exposed animals and to determine the source of each outbreak. Particular attention was also given to ranch-to-ranch inspections of cattle in parts of Colorado, Kansas, New Mexico, Oklahoma, and Texas.

During the previous fiscal year 4 infected herds were reported in Colorado, Indiana, Iowa, and Oregon; in fiscal year 1959, 27 outbreaks were reported. There were 4 in 1958; 25 in 1957; 7 in 1956; and 30 in 1955.

## TRAINING COURSES

Scabies training courses were held in Missouri, New York, and Pennsylvania, where some 180 persons were given the opportunity to learn more about scabies and eradication procedures. In Colorado all regulatory inspectors were given on-the-job training during scabies outbreaks and the Senior Class of the College of Veterinary Medicine, Colorado State University, observed infected herds. In Nebraska, regulatory personnel took advantage of the opportunity afforded at Sheep Shearing Schools to orient sheep shearers in reporting and eradication procedures.



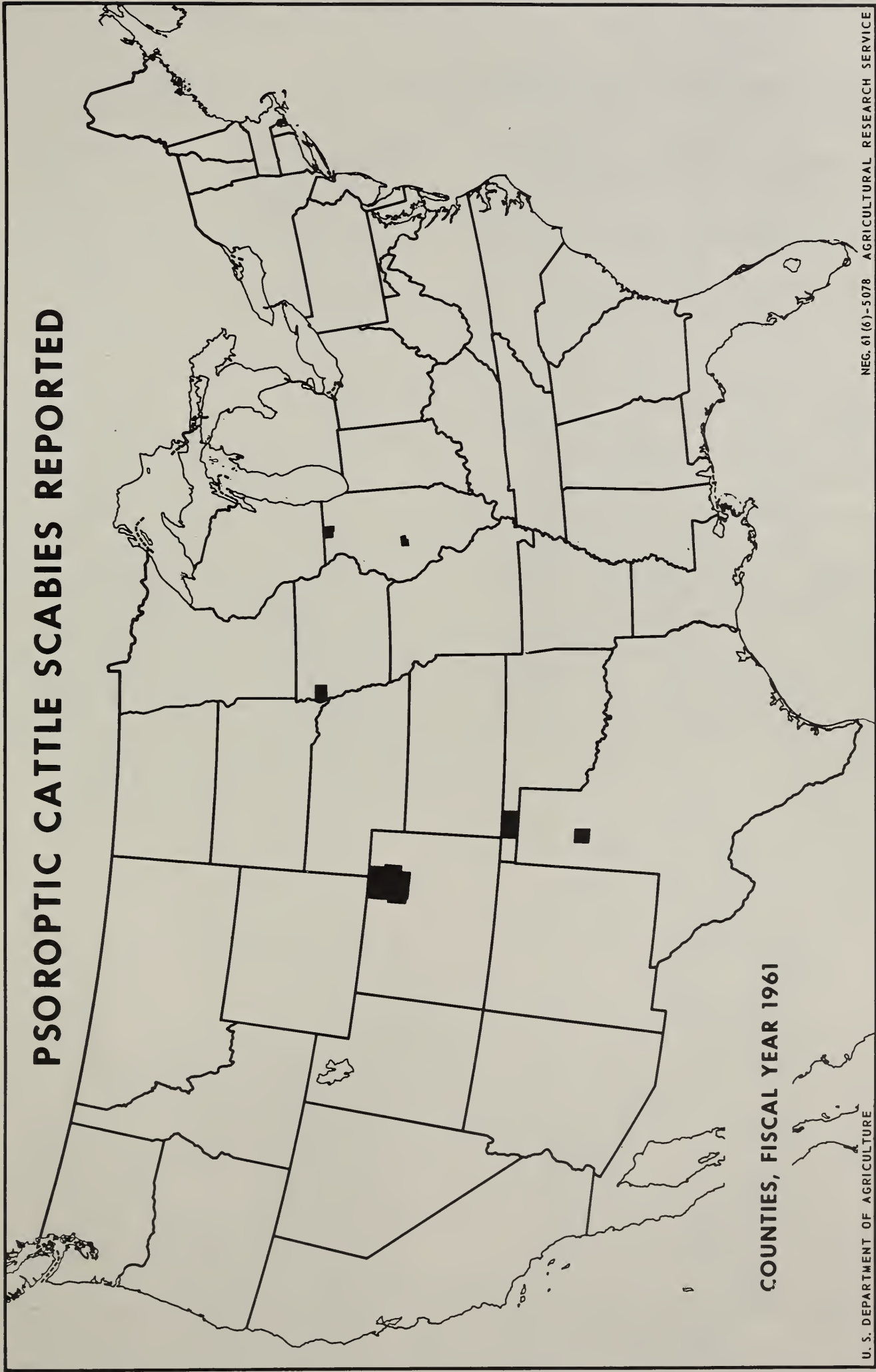
PSOROPTIC CATTLE SCABIES

As Reported From Respective States	Number of Infected Counties	Number of Infected Herds	Number of Infected Cattle	Total Inspections	Total Sprayings or Dippings
Alabama	0	0	0	705	27
Alaska	0	0	0	0	0
Arizona	0	0	0	572,235	1,036
Arkansas	0	0	0	10,902	0
California	0	0	0	865,021	1,113
Colorado	3	4	33,411	686,769	83,422
Connecticut	0	0	0	1	0
Delaware	0	0	0	0	0
Florida	0	0	0	0	0
Georgia	0	0	0	0	0
Hawaii	0	0	0	2,039	160
Idaho	0	0	0	154,837	2,613
Illinois	2	2	163	36,827	9,114
Indiana	0	0	0	96	117
Iowa	1	1	71	17,012	1,161
Kansas	0	0	0	339,450	1,081
Kentucky	0	0	0	2,963	6,261
Louisiana	0	0	0	42,390	0
Maine	0	0	0	0	0
Maryland	0	0	0	0	0
Massachusetts	0	0	0	0	0
Michigan	0	0	0	471,827	225
Minnesota	0	0	0	0	0
Mississippi	0	0	0	41,923	0
Missouri	0	0	0	288	5
Montana	0	0	0	8,146	1
Nebraska	0	0	0	72,074	259
Nevada	0	0	0	74,680	0
New Hampshire	0	0	0	0	0
New Jersey	0	0	0	0	0
New Mexico	0	0	0	132,385	0
New York	0	0	0	549	199
North Carolina	0	0	0	21,657	0
North Dakota	0	0	0	10,850	188
Ohio	0	0	0	65	65
Oklahoma	1	2	509	431,217	4,533
Oregon	0	0	0	91,224	1,653
Pennsylvania	0	0	0	0	0
Rhode Island	0	0	0	0	0
South Carolina	0	0	0	0	0
South Dakota	0	0	0	8,382	0
Tennessee	0	0	0	300	300
Texas	1	1	2,300	3,167,575	73,475
Utah	0	0	0	149,349	0
Vermont	0	0	0	3,734	0
Virginia	0	0	0	0	0
Washington	0	0	0	111,440	0
West Virginia	0	0	0	0	0
Wisconsin	0	0	0	128	0
Wyoming	0	0	0	131,645	47,285
Puerto Rico	0	0	0	0	0
Virgin Islands	0	0	0	0	0
TOTALS:	8	10	36,454 <sup>a</sup>	7,660,685	234,293

a - Includes all animals in herds.



# PSOROPTIC CATTLE SCABIES REPORTED



COUNTIES, FISCAL YEAR 1961

PSOROPTIC CATTLE SCABIES - States and Counties Involved

Colorado - Adams, Morgan, Weld

Illinois - Menard, Winnebago

Iowa - Plymouth

Oklahoma - Texas

Texas - Swisher